
IN THE UNITED STATES PATENT AND
TRADEMARK OFFICE

Application Number: 10/789,974
Filed: February 27, 2004
Applicant: Francis M. Carlson
Title: Methods of Evaluating Undersaturated Coalbed Methane Reservoirs
TC/A,U: 3672
Examiner: Daniel P. Stephenson
Assignee: Yates Petroleum Corporation
Attorney Docket: Yates-CDP-US-NProv
Customer No. 33549

**RESPONSE AND REQUEST FOR RECONSIDERATION
IN ACCORDANCE WITH 37 C.F.R. 1.111**

Introductory Comments:

In accordance with 37 C.F.R. 1.121 as amended, this amendment is made with each heading beginning on a separate page. As agreed to resolve all remaining issues in the personal interview conducted on December 12, 2006, please amend the application according to the sections which follow. It is believed that this amendment and response resolve all issues. Should any issue remain, it is requested that the examiner contact the undersigned by telephone in order to fully dispose of the matter as previously indicated.

Please amend the application to:

- amend the specification;
- amend claims 1-5, 8-15, 27-61, 71-74, 84-89, 99, 100-106, 113, 116, 120-123, and 145-147;
- cancel claim 144; and
- add dependency claims 173-290 to present prior subject matter and reinstate claims previously canceled.

Claims 1-5, 8-15, 27-61, 71-74, 84-89, 99, 100-106, 113, 116, 120-123, 145-147, 152-153, and 173-290 remain in the case for examination at this time and are believed in condition for allowance.

Amendments to the Specification begin on page 3 of this paper.

Amendments to the Claims begin on page 5 of this paper.

Remarks begin on page 42 of this Paper.

The Conclusion begins on page 46 of this Paper.